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|-------------------------------|-----------------|------------------|--|
| <b>Notice of Allowability</b> | Application No. | Applicant(s)     |  |
|                               | 10/092,347      | MEDVINSKY ET AL. |  |
|                               | Examiner        | Art Unit         |  |
|                               | Samson B. Lemma | 2132             |  |

**-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address--**

All claims being allowable, PROSECUTION ON THE MERITS IS (OR REMAINS) CLOSED in this application. If not included herewith (or previously mailed), a Notice of Allowance (PTOL-85) or other appropriate communication will be mailed in due course. **THIS NOTICE OF ALLOWABILITY IS NOT A GRANT OF PATENT RIGHTS.** This application is subject to withdrawal from issue at the initiative of the Office or upon petition by the applicant. See 37 CFR 1.313 and MPEP 1308.

1. ☒ This communication is responsive to amendment filed on 06/01/2006.
2. ☒ The allowed claim(s) is/are 20 and 21.
3. ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
  - a) ☐ All    b) ☐ Some\*    c) ☐ None    of the:
    1. ☐ Certified copies of the priority documents have been received.
    2. ☐ Certified copies of the priority documents have been received in Application No. \_\_\_\_\_.
    3. ☐ Copies of the certified copies of the priority documents have been received in this national stage application from the International Bureau (PCT Rule 17.2(a)).

\* Certified copies not received: \_\_\_\_\_.

Applicant has THREE MONTHS FROM THE "MAILING DATE" of this communication to file a reply complying with the requirements noted below. Failure to timely comply will result in ABANDONMENT of this application.  
**THIS THREE-MONTH PERIOD IS NOT EXTENDABLE.**

4. ☐ A SUBSTITUTE OATH OR DECLARATION must be submitted. Note the attached EXAMINER'S AMENDMENT or NOTICE OF INFORMAL PATENT APPLICATION (PTO-152) which gives reason(s) why the oath or declaration is deficient.
  5. ☐ CORRECTED DRAWINGS ( as "replacement sheets") must be submitted.
    - (a) ☐ including changes required by the Notice of Draftsperson's Patent Drawing Review ( PTO-948) attached
      - 1) ☐ hereto or 2) ☐ to Paper No./Mail Date \_\_\_\_\_.
    - (b) ☐ including changes required by the attached Examiner's Amendment / Comment or in the Office action of Paper No./Mail Date \_\_\_\_\_.
- Identifying indicia such as the application number (see 37 CFR 1.84(c)) should be written on the drawings in the front (not the back) of each sheet. Replacement sheet(s) should be labeled as such in the header according to 37 CFR 1.121(d).
6. ☐ DEPOSIT OF and/or INFORMATION about the deposit of BIOLOGICAL MATERIAL must be submitted. Note the attached Examiner's comment regarding REQUIREMENT FOR THE DEPOSIT OF BIOLOGICAL MATERIAL.

**Attachment(s)**

- |   |  |
|---|--|
| 1. <input checked="" type="checkbox"/> Notice of References Cited (PTO-892)   | 5. <input type="checkbox"/> Notice of Informal Patent Application (PTO-152)            |
| 2. <input type="checkbox"/> Notice of Draftsperson's Patent Drawing Review (PTO-948)                                | 6. <input type="checkbox"/> Interview Summary (PTO-413),<br>Paper No./Mail Date _____. |
| 3. <input type="checkbox"/> Information Disclosure Statements (PTO-1449 or PTO/SB/08),<br>Paper No./Mail Date _____ | 7. <input type="checkbox"/> Examiner's Amendment/Comment                               |
| 4. <input type="checkbox"/> Examiner's Comment Regarding Requirement for Deposit<br>of Biological Material          | 8. <input checked="" type="checkbox"/> Examiner's Statement of Reasons for Allowance   |
|   | 9. <input type="checkbox"/> Other _____.   |

### ***DETAILED ACTION***

1. This is in reply to amendment after final office action, filed **on June 01/2006**.  
Claims **1-19 and 22-23 have been canceled. And only claims 20-21** are pending/examined.
2. In the previous office action examiner communicated that **claims 20 and 21** were allowable and maintained the rejection for all other pending claims. With this response/amendment applicant have cancelled all pending claims except **claims 20 and 21**.

### ***Allowable Subject Matter***

3. **Claims 20-21** are allowed.
4. The following is an examiner's statement of reasons for allowance:
5. **Claims 20-21 are allowed for** the following reasons.
6. **Peterka** the reference on the record discloses the general subject matter of the invention. Furthermore **Peterka** discloses all the limitation recited in the previous independent claim 1 as follows.  
  
**Peterka** discloses a rights management system for securely delivering content to authorized consumers, the system comprising:  
  
A content provider;[Figure 19, "1904"]  
  
A consumer system configured for requesting content from the content provider[figure 19, 1908; Paragraph 0141, lines 8-9] (**the client request the program content form the origin content server**) ; wherein the content provider [Figure 19, "1904"] is configured for generating a session rights object ["Content Rules"] for accessing the content [Paragraph "0139"] (**The**

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**rules/session right object is generated/distributed to the caching server from the content provider/origin server);**

A KDC (key distribution center) [Figure 19, "1920"] configured for providing authorization data [Paragraph 0136, "ticket", line 2] for use in accessing the content [Paragraph 0136, lines 1-4] **(A client registers with authorization center/Key distribution center, 1920 and get authorization data/ticket from KDC, for accessing the content) ;**

A caching server configured for comparing information in the session rights object with the authorization data [Paragraph 0139, lines 2-6]; and

Wherein the caching server is configured for forwarding the requested content to the consumer system if the information matches the authorization data [Paragraph 0142, the last 5 lines and figure 21, reference 2160, paragraph 0066] and wherein the caching server and the consumer system are configured to exchange a plurality of encrypted control messages to be used in transferring the requested content [Paragraph 0066] **(Peterka on paragraph 0066 discloses the following, " If all rules are satisfied, the caching server will grant access to the requested content by delivering the content encryption key via the program key, e.g. the program key is delivered to the client using his unique key while the content key is encrypted under the program key" which meets the limitation of the caching server and the consumer system are configured to exchange a plurality of encrypted control messages to be used in transferring the requested content")**

7. With respect to the **independent claim 20** the following references also disclose some of the limitation of the independent claim 20 and the subject matter of the invention.

1. US Publication No. 2002/0059624A1 (filed on August 1, 2001)
2. US Publication No. 2001/0052083A1 (filed on July 19, 2001)

**The above two closest references cited above** have been considered. The subject matter disclosed in all the above two cited references discloses some of the limitation recited in the independent claim **20**.

**For instance, the first closest reference**, namely, 2002/0059624A1, discloses the following. "A server based broadcast system comprising: a receiver automatically storing broadcasted contents, each content being associated with a meta-data comprising private information inherent to said each content as well as common information applicable to a plurality of contents; said receiver making a group of contents having the same common information involved in said meta-data; and said receiver allowing a user to enjoy playback of an intended service element involved in the stored contents wherein said meta-data includes digital sign information of a service provider, **while said receiver checks the digital sign information of a received content and stores said received content only when the digital sign information represents an authenticated information provider.**" [Claims 19 & 28]

**The 2<sup>nd</sup> closest reference**, namely US Publication No. 2001/0052083A1 discloses the following method of enabling authorized access to a network, the method comprising the steps of: a) requesting and receiving from a key distribution center over the network an electronic ticket signal identifying a user and an application server to be accessed on the network; b) printing encoded, machine-readable indicia having parts of different light reflectivity which identify the user and the application server to be accessed on a portable, physical ticket based on receipt of the electronic ticket signal; and c) presenting the physical ticket to a reader for electro-optically reading the indicia to obtain from the indicia, data for identifying the user and the application server, to authorize the identified user to access the network and the identified application server,

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wherein the key distribution center includes an authentication server and a ticket granting server, and wherein the requesting and receiving steps are performed by initially sending a request to the authentication server for access to the ticket granting server, by thereupon receiving a response containing a session key encrypted with a ticket server key, by thereupon sending a subsequent request to the ticket granting server for access to the application sever, and by subsequently receiving the electronic ticket signal from the ticket granting server. [Claims 7 & 8]

However, neither the references, which are cited above, nor the reference on the record namely Peterka, discloses the following limitation (highlighted) as it is disclosed in respective independent claim 20.

**An authentication system allowing an authorized user to stream content from a caching server within a computing network, the system comprising:**

The caching server;

A content provider configured for providing the content to the caching server for access by the user;

**A key distribution center configured for:**

**receiving from the content provider a first request to access the caching server**

**and if authenticated the content provider delivers the content to the caching server; and**

receiving from the user a second request to access the caching server, and if authenticated the user is allowed to stream the content from the caching server.

None of the prior art of record taken singularly or in combination teaches or suggests an authentication system with the particular functional

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limitation which is highlighted/bolded in respective independent claim 20 shown above as well as the rest of the limitation. For this reason, independent claim 20 is allowed.

8. The dependent **claim 21** which is dependent on the above **independent claim 20** being further limiting to the independent claim, definite and enabled by the specification are also allowed.

Any comments considered necessary by applicant must be submitted no later than the payment of the issue fee and, to avoid processing delays, should preferably accompany the issue fee. Such submission should be clearly labeled "Comments on Statement of Reasons for Allowance."

### ***Conclusion***

9. The prior art made of record and not relied upon is considered pertinent to applicant's disclosure. (See PTO-Form 892).

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Samson B Lemma whose telephone number is 571-272-3806. The examiner can normally be reached on Monday-Friday (8:00 am---4: 30 pm).

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, BARRON JR GILBERTO can be reached on 571-272-3799. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR.

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Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

**SAMSON LEMMA**  
**S.L.**  
**06/18/2006**

  
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